

ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 22-2010

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport LEGR

LEGR (Federico Garcia Lorca)**General Info**

Granada, ESP

N 37° 11.3' W 03° 46.6' Mag Var: 3.0°W

Elevation: 1860'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: 100LL, Jet A-1

Time Zone Info: GMT+1:00 uses DST

Runway Info

Runway 09-27 9514' x 148' asphalt

Runway 09 (91.0°M) TDZE 1842'

Lights: Edge, ALS, Centerline

Right Traffic

Runway 27 (271.0°M) TDZE 1860'

Lights: Edge, ALS, Centerline, REIL

Right Traffic

Communications InfoGranada Tower **118.85**Granada Tower **257.80** MilitaryGranada Ground Control **121.7**Granada Approach Control **118.85**Granada Approach Control **257.80** Military**Notebook Info**

LEGR/GRX

JEPPESEN

GRANADA, SPAIN

FEDERICO GARCIA LORCA

14 DEC 07

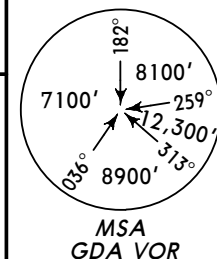
10-2

Eff 20 Dec

STAR

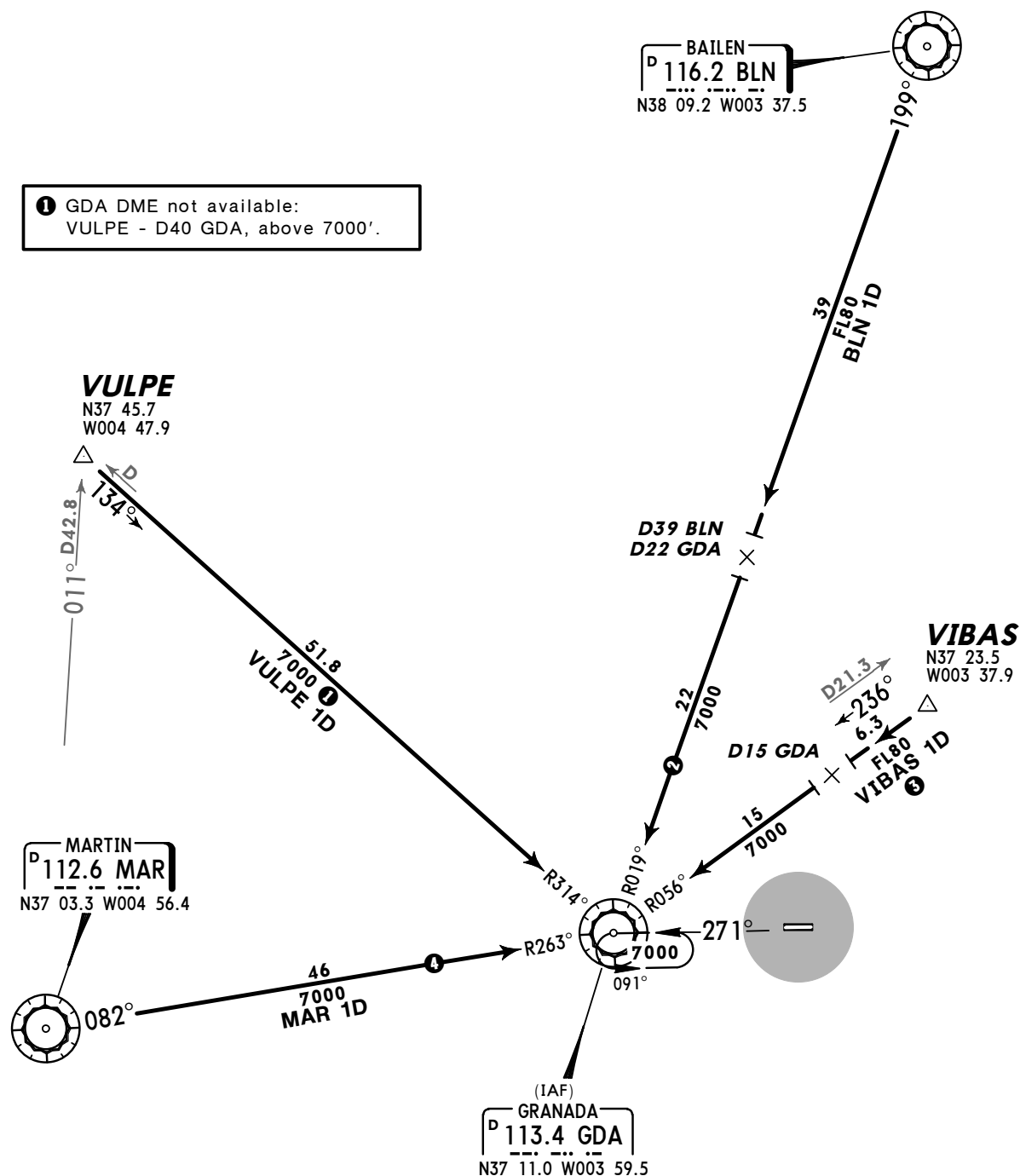
Apt Elev
 1860'

Alt Set: hPa Trans level: By ATC Trans alt: 7000'



BLN 1D, MAR 1D
VIBAS 1D [VIBA1D]
VULPE 1D [VULP1D]
ARRIVALS

❶ GDA DME not available:
 VULPE - D40 GDA, above 7000'.



Possible fluctuations of DME coverage:
 ❷ GDA R-019 between D6 GDA & D8 GDA
 ❸ GDA R-056 between VIBAS & D8 GDA above 7000'
 ❹ GDA R-263 between MAR & D10 GDA above 7000'.



LEGR/GRX

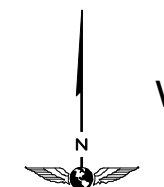
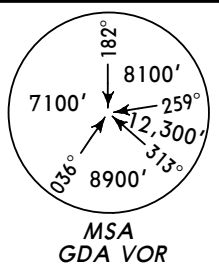
FEDERICO GARCIA LORCA

14 DEC 07

10-3

Eff 20 Dec

GRANADA, SPAIN

SID

NOT TO SCALE

Apt Elev
1860'

Trans level: By ATC Trans alt: 7000'

59°
00'
0°

BAILEN ONE NOVEMBER (BLN 1N)
BAILEN ONE VICTOR (BLN 1V)
MARTIN ONE NOVEMBER (MAR 1N)
MARTIN ONE VICTOR (MAR 1V)
SEVILLE ONE NOVEMBER (SVL 1N)
SEVILLE ONE VICTOR (SVL 1V)
VIBAS ONE NOVEMBER (VIBAS 1N) [VIBA 1N]
VIBAS ONE VICTOR (VIBAS 1V) [VIBA 1V]
RWYS 09, 27 DEPARTURES

These SIDs require minimum climb gradients of

BLN 1N, VIBAS 1N: 425' per NM (7%) until leaving **FL90.**

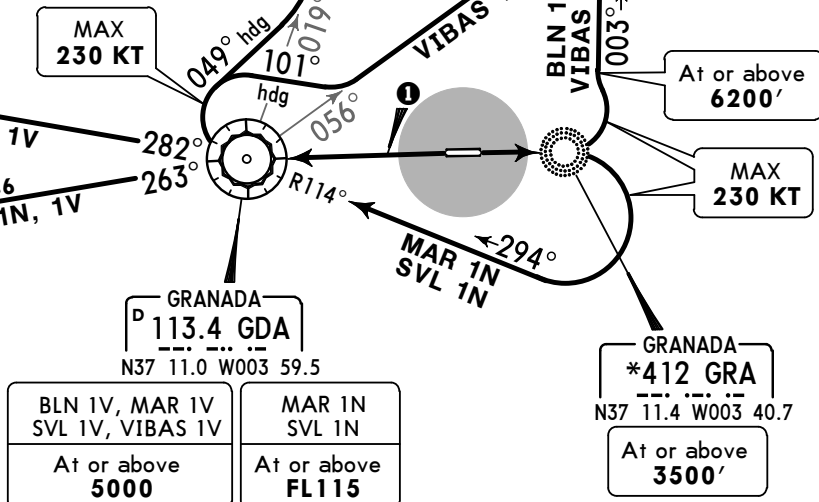
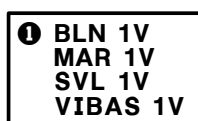
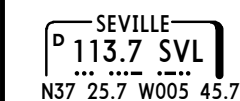
BLN 1V, MAR 1V, VIBAS 1V: 334' per NM (5.5%) until

leaving **FL90**.

MAR 1N, SVL 1N: 425' per NM (7%) until leaving **FL115.**

SLV 1V: 334' per NM (5.5%) until leaving **5000'**.

Gnd speed-KT	75	100	150	200	250	300
425' per NM	532	709	1063	1418	1772	2127
334' per NM	418	557	835	1114	1392	1671



SID	RWY	ROUTING
BLN 1N	09	Climb on runway heading to GRA, turn LEFT, intercept BLN R-183 inbound via VIBAS to BLN.
BLN 1V	27	Climb on runway heading to GDA, turn RIGHT, 049° heading, intercept GDA R-019 (BLN R-199 inbound) to BLN.
MAR 1N	09	Climb on runway heading to GRA, turn RIGHT, intercept GDA R-114 inbound to GDA, GDA R-263 (MAR R-082 inbound) to MAR.
MAR 1V	27	Climb on runway heading to GDA, GDA R-263 (MAR R-082 inbound) to MAR.
SVL 1N	09	Climb on runway heading to GRA, turn RIGHT, intercept GDA R-114 inbound to GDA, GDA R-282 (SVL R-101 inbound) to SVL.
SVL 1V	27	Climb on runway heading to GDA, GDA R-282 (SVL R-101 inbound) to SVL.
VIBAS 1N	09	Climb on runway heading to GRA, turn LEFT, intercept BLN R-183 inbound to VIBAS.
VIBAS 1V	27	Climb on runway heading to GDA, turn RIGHT, 101° heading, intercept GDA R-056 to VIBAS.

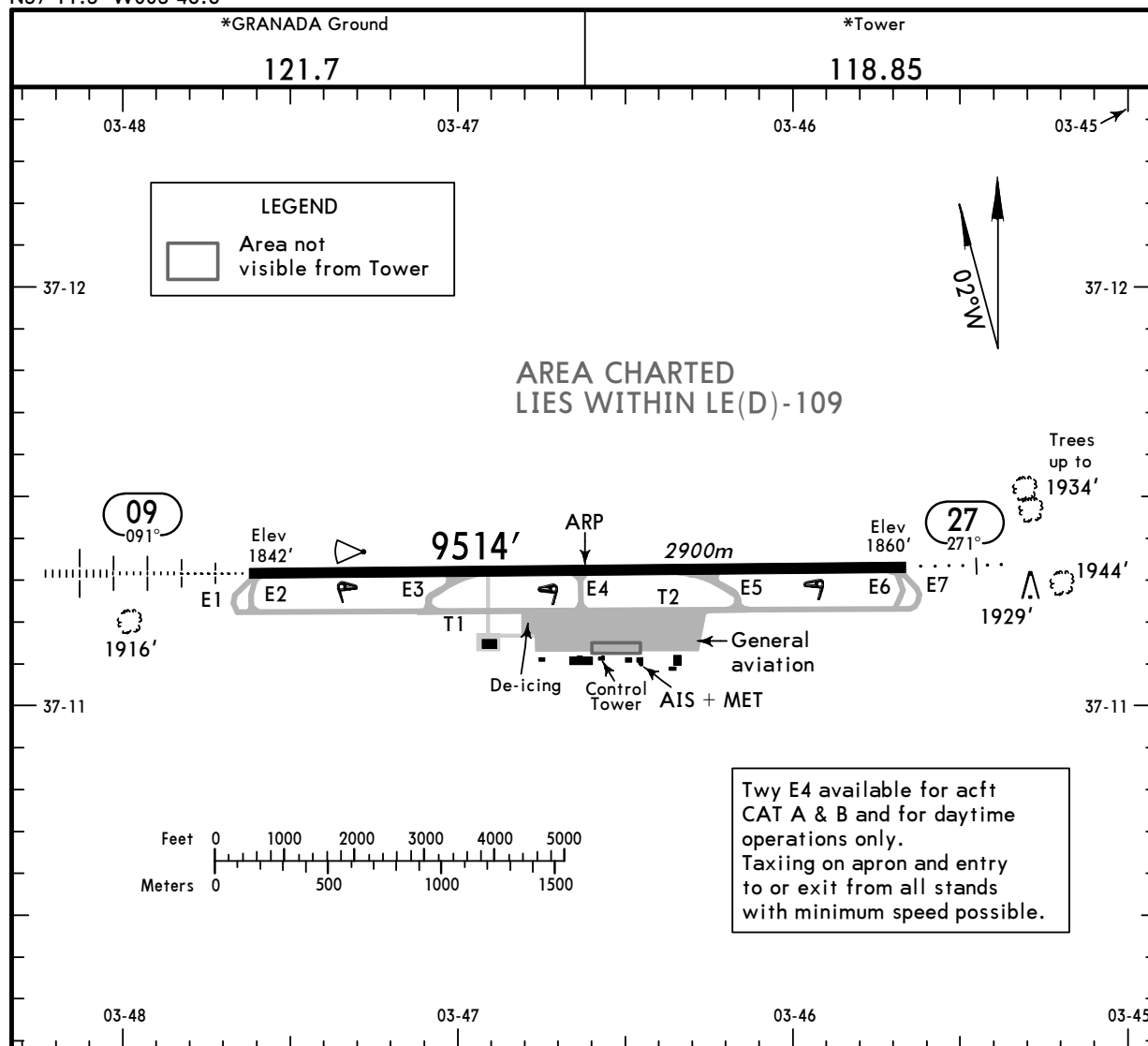
CHANGES: New procedures at this airport.

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LEGR/GRX
Apt Elev **1860'**
N37 11.3 W003 46.6

JEPPESSEN
2 JUL 10 **(10-9)**

GRANADA, SPAIN
FEDERICO GARCIA LORCA



ADDITIONAL RUNWAY INFORMATION					
RWY		USABLE LENGTHS		TAKE-OFF	WIDTH
		LANDING	BEYOND		
		Threshold	Glide Slope		
09	HIRL (50m) CL (15m) HIALS PAPI (3.0°) ❶ RVR		8350' 2545m		148'
27	HIRL (50m) CL (15m) ALS REIL PAPI (3.0°) ❷				45m

- ① HST-E5 with HSTIL.
② HST-E3 with HSTIL.

Standard

TAKE-OFF ①

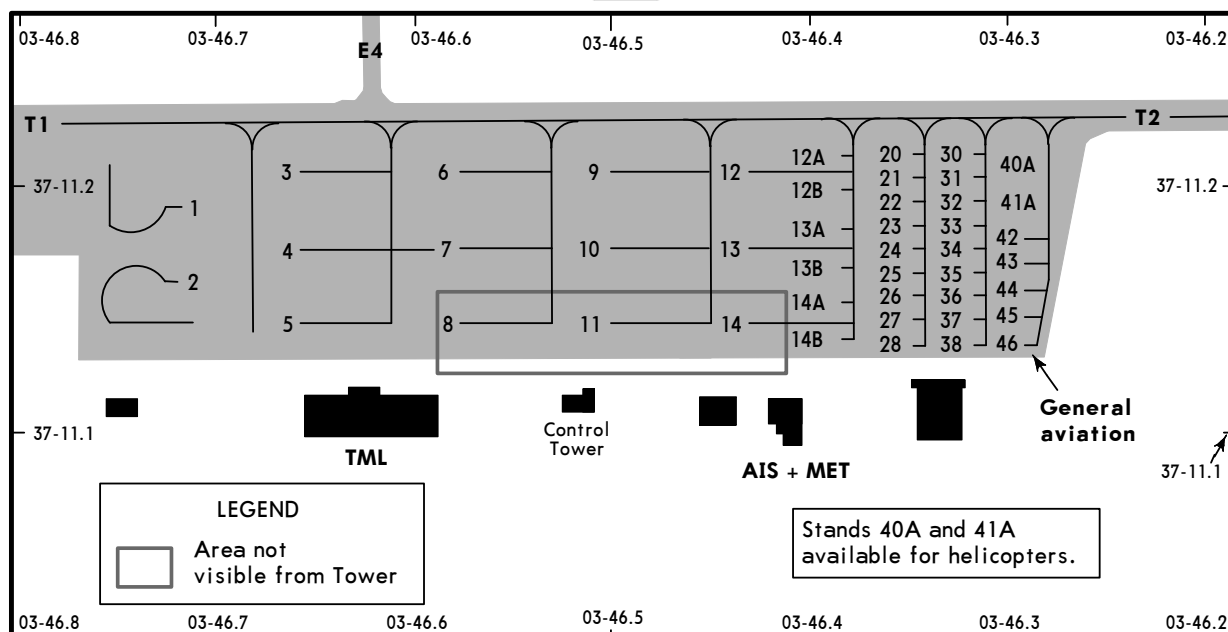
	LVP must be in force				
	Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL
A					
B	125m	150m	200m	250m	400m
C					
D	150m	200m	250m	300m	500m

- ① Operators applying U.S. Ops Specs: CL required below 300m; approved guidance system required below 150m.

LEGR/GRX

JEPPESEN
 2 JUL 10 (10-9A)

GRANADA, SPAIN
 FEDERICO GARCIA LORCA



INS COORDINATES

STAND No.	COORDINATES	STAND No.	COORDINATES
1 thru 4	N37 11.2 W003 46.7	30 thru 36	N37 11.2 W003 46.3
5	N37 11.1 W003 46.7	37, 38	N37 11.1 W003 46.3
6, 7	N37 11.2 W003 46.6	40A thru 44	N37 11.2 W003 46.3
8	N37 11.1 W003 46.6	45, 46	N37 11.1 W003 46.3
9, 10	N37 11.2 W003 46.5		
11	N37 11.1 W003 46.5		
12 thru 14A	N37 11.2 W003 46.4		
14, 14B	N37 11.1 W003 46.4		
20 thru 26	N37 11.2 W003 46.4		
27, 28	N37 11.1 W003 46.4		

LEGR/GRX **JEPPesen**
5 MAR 10 **10-9X****JAA MINIMUMS**
GRANADA, SPAIN
FEDERICO GARCÍA LORCA

STRAIGHT-IN RWY		A	B	C	D
09	ILS Z ❶	2057' (215')	2067' (225')	2077' (235')	2087' (245')
	<i>ALS out</i>	R600m R1000m	R600m R1000m	R600m R1000m	R600m R1000m
	ILS Z ❷	2220' (378')	2230' (388')	2240' (398')	2250' (408')
	<i>ALS out</i>	R800m R1200m	R800m R1200m	R800m R1200m	R800m R1200m
	ILS Z ❸	2520' (678')	2530' (688')	2540' (698')	2550' (708')
	<i>ALS out</i>	R800m R1200m	R800m R1200m	R800m R1200m	R800m R1200m
	LOC ❹	2580' (738')	2580' (738')	2580' (738')	2580' (738')
	<i>ALS out</i>	R1200m R1500m	R1400m R1500m	R1400m R2000m	R1800m R2000m
	ILS Y ❶	NOT APPLICABLE		2077' (235')	2087' (245')
	<i>ALS out</i>			R600m R1000m	R600m R1000m
	ILS Y ❷	NOT APPLICABLE		2240' (398')	2250' (408')
	<i>ALS out</i>			R800m R1200m	R800m R1200m
	ILS Y ❸	NOT APPLICABLE		2540' (698')	2550' (708')
	<i>ALS out</i>			R800m R1200m	R800m R1200m
LOC		NOT APPLICABLE			
	VOR	2860' (1018')	2860' (1018')	2860' (1018')	2860' (1018')
	<i>ALS out</i>	R1200m R1500m	R1400m R1500m	R1400m R2000m	R1800m R2000m

❶ Missed apch climb gradient mim 4.0%.

❷ Missed apch climb gradient mim 3.0%.

❸ Missed apch climb gradient mim 2.5%.

❹ MM out: NOT AUTHORIZED

CIRCLE-TO-LAND	100 KT	135 KT	180 KT	205 KT
	2860' (1000') ❶	3020' (1160') ❶	4110' (2250')	4110' (2250')
	V1500m ❷	V1600m	V2400m	V3600m

❶ After ILS Z 09: 2660' (800')

❷ After ILS Y 09: NOT APPLICABLE

TAKE-OFF RWY 09, 27

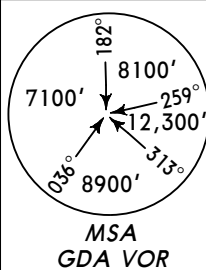
	LVP must be in force				RCLM (DAY only) or RL	NIL (DAY only)
	Approved Operators HIRL, CL & mult. RVR req	RL, CL & mult. RVR req	RL & CL	RCLM (DAY only) or RL		
A						
B	125m	150m	200m	250m	400m	500m
C						
D	150m	200m	250m	300m		

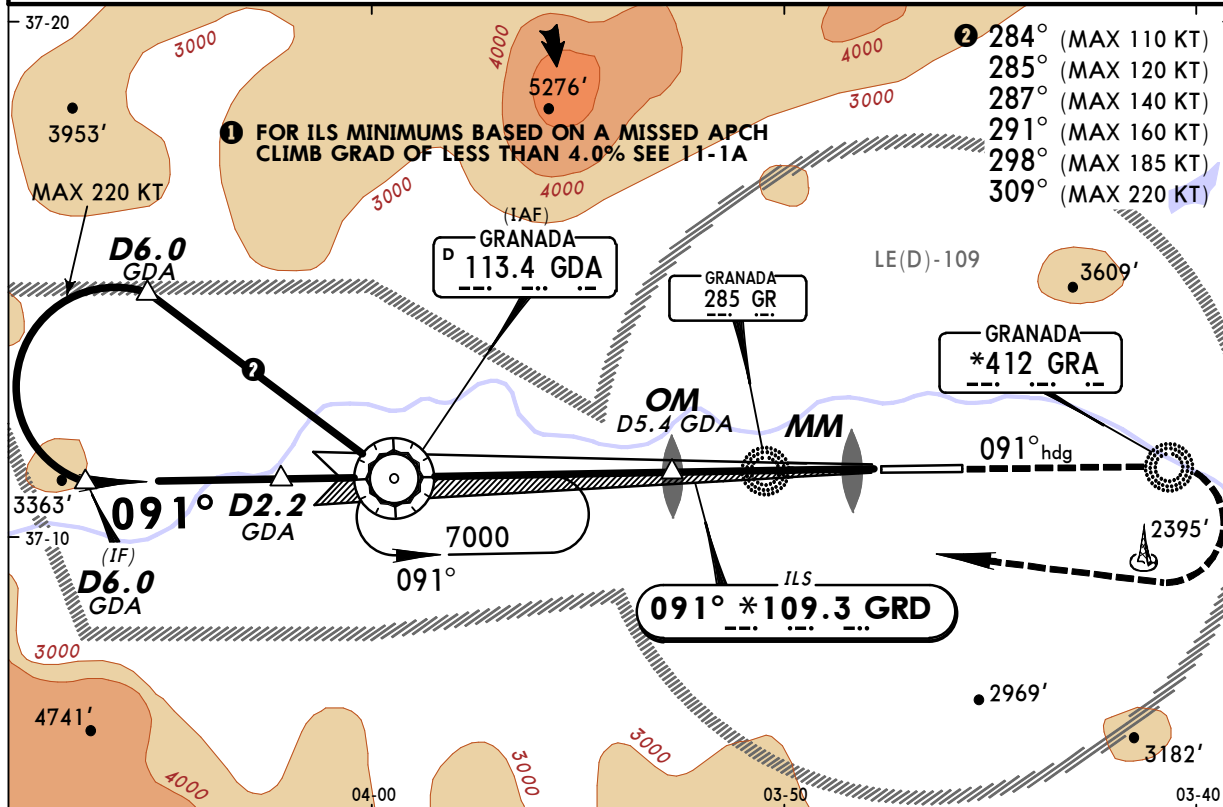
LEGR/GRX
FEDERICO GARCIA LORCA

JEPPESEN
5 MAR 10 (11-1)

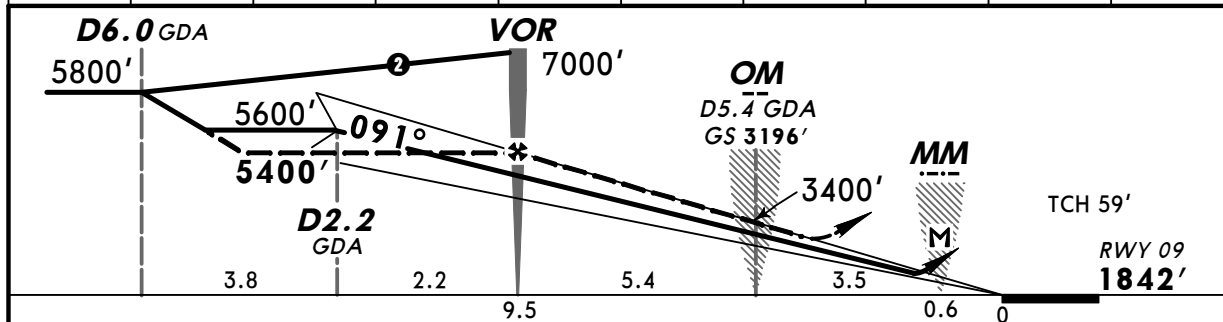
GRANADA, SPAIN
ILS Z Rwy 09

BRIEFING STRIP

Approach Control through Tower *GRANADA Tower 118.85			*Ground 121.7		
LOC GRD *109.3	Final Apch Crs 091°	GS OM 3196' (1354')	ILS DA(H) Refer to Minimums	Apt Elev 1860' RWY 1842'	
MISSED APCH: Climb on heading 091° to GRA Lctr, then turn RIGHT (MAX 210 KT) climbing to VOR to 7000' and hold.					
Alt Set: hPa		Rwy Elev: 66 hPa		Trans level: By ATC	
Fluctuations may be observed on outbound radials at a distance greater than 5 NM.					
Trans alt: 7000'					



LOC (GS out)	GDA DME	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
	ALTITUDE	5400'	5030'	4660'	4290'	3920'	3550'	3180'	2810'



Standard ILS Missed apch climb gradient mim 4.0% A: 2057' (215') C: 2077' (235') DA(H) B: 2067' (225') D: 2087' (245')	LOC (GS out) DA(H) 2580' (738')	CIRCLE-TO-LAND Max Kts: 100, 135, 180, 205 MDA(H): 2660' (800'), 3020' (1160'), 4110' (2250'), 4110' (2250') VIS: 1500m , 1600m , 2400m , 3600m
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STRAIGHT-IN LANDING RWY 09				CIRCLE-TO-LAND	
ILS				LOC (GS out)	
Missed apch climb gradient mim 4.0%				DA(H) 2580' (738')	
FULL		Limited	ALS out	ALS out	
A				RVR 1500m	
B			RVR 1200m		
C	RVR 550m	RVR 750m		CMV 2400m	
D			RVR 1300m		

LEGR/GRX**FEDERICO GARCIA LORCA** **JEPPESEN**
5 MAR 10 **(11-1A)****GRANADA, SPAIN****Standard****ILS Z RWY 09 MINIMUMS**
BASED ON MISSED APCH CLIMB GRADIENT
OF LESS THAN 4.0 %**MISSED APCH CLIMB GRADIENT MIM 3.0%**

ILS

DA(H) A: **2220'**(378') C: **2240'**(398')

B: **2230'**(388') D: **2250'**(408')

FULL/Limited		ALS out
A	RVR 1000m	RVR 1500m
B	RVR 1100m	
C		RVR 1800m
D	RVR 1200m	RVR 1900m

MISSED APCH CLIMB GRADIENT MIM 2.5%

		ILS	
		<i>DA(H)</i> A: 2520' (678') C: 2540' (698')	
		B: 2530' (688') D: 2550' (708')	
		FULL/Limited	ALS out
A	RVR 1500m		
B			
C	CMV 2400m		
D			

CAT C & D ILS Y RWY 09 MINIMUMS
BASED ON MISSED APCH CLIMB GRADIENT
OF LESS THAN 4.0 %**MISSED APCH CLIMB GRADIENT MIM 3.0%**

		ILS	
		<i>DA(H)</i> C: 2240' (398')	
		D: 2250' (408')	
		FULL/Limited	ALS out
A	NOT APPLICABLE		
B			
C	RVR 1100m	RVR 1800m	
D	RVR 1200m	RVR 1900m	

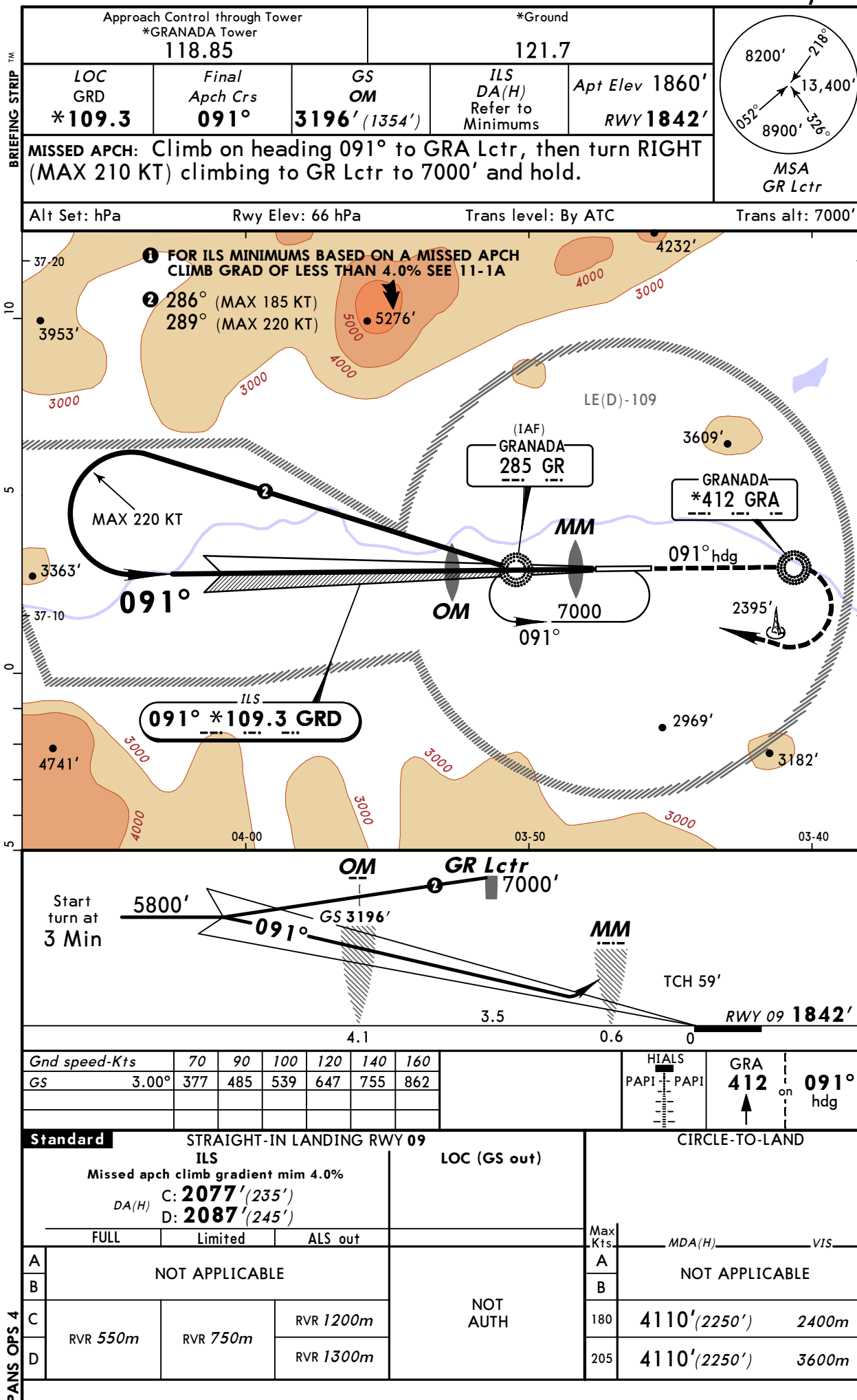
MISSED APCH CLIMB GRADIENT MIM 2.5%

		ILS	
		<i>DA(H)</i> C: 2540' (698')	
		D: 2550' (708')	
		FULL/Limited	ALS out
A	NOT APPLICABLE		
B			
C	CMV 2400m		CMV 2400m
D			

LEGR/GRX
FEDERICO GARCIA LORCA

JEPPESEN
5 MAR 10 **(11-2)** **CAT C & D**

GRANADA, SPAIN
ILS Y Rwy 09



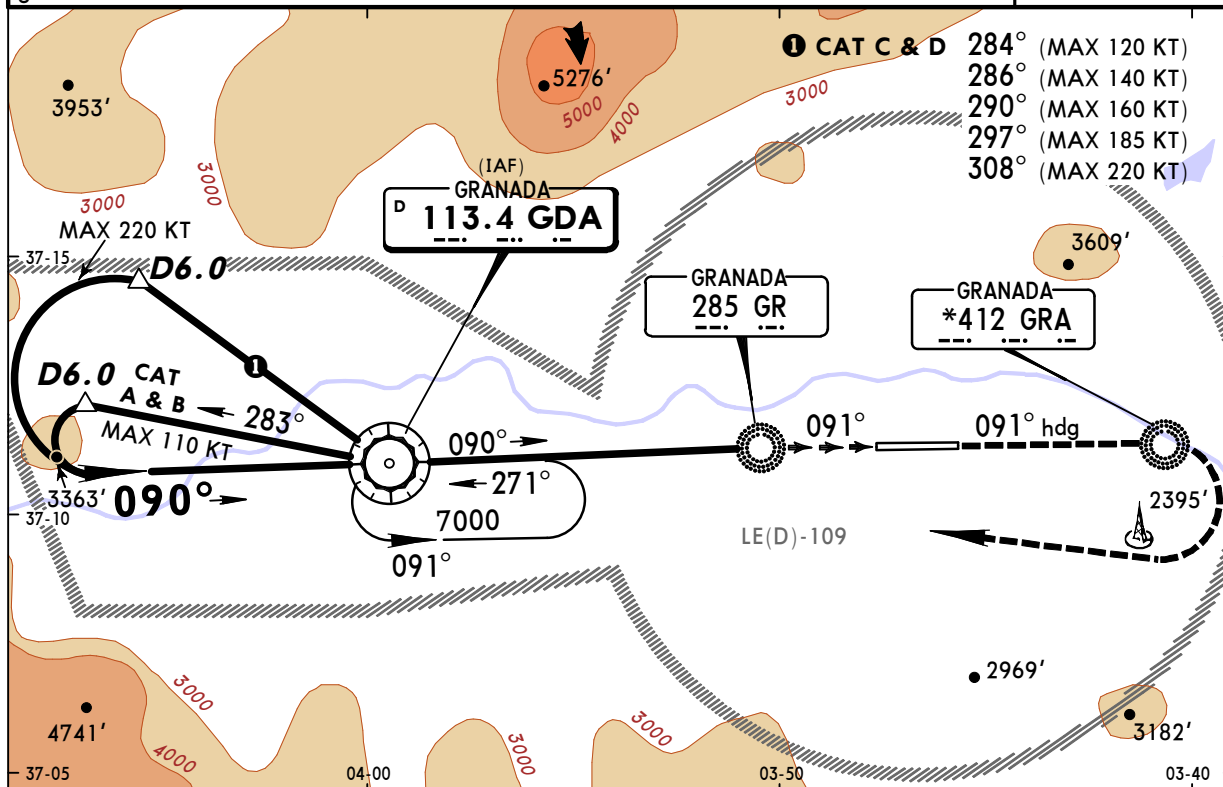
LEGR/GRX
FEDERICO GARCIA LORCA

JEPPesen
5 MAR 10 **(13-1)**

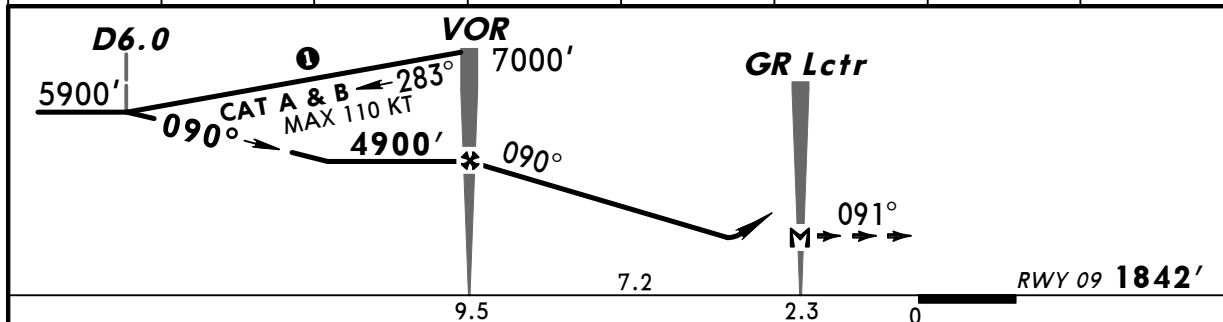
GRANADA, SPAIN
VOR Rwy 09

BRIEFING STRIP

Approach Control through Tower *GRANADA Tower 118.85				*Ground 121.7	
VOR GDA 113.4	Final Apch Crs 090°	Minimum Alt VOR 4900' (3058')	DA(H) 2860' (1018')	Apt Elev 1860' RWY 1842'	 MSA GDA VOR
MISSED APCH: Climb on heading 091° to GRA Lctr, then turn RIGHT (MAX 210 KT) climbing to VOR to 7000' and hold.					
Alt Set: hPa Rwy Elev: 66 hPa Trans level: By ATC Trans alt: 7000' 1. Final approach track offset 1° from rwy centerline. 2. On final VOR is scalloping below 3000'. 3. Fluctuations may be observed on outbound radials at a distance greater than 5 NM.					



GDA DME	0.0	1.0	2.0	3.0	4.0	5.0	6.0
ALTITUDE	4900'	4590'	4270'	3950'	3640'	3320'	3000'



Gnd speed-Kts	70	90	100	120	140	160	HIALS PAPI PAPI GRA 412 091° hdg
Descent angle	2.99°	370	476	529	635	741	
MAP at GR Lctr							

Standard STRAIGHT-IN LANDING RWY 09				CIRCLE-TO-LAND			
DA(H) 2860' (1018')				Max Kts	MDA(H)	VIS	
ALS out				100	2880' (1020')	1500m	
A RVR 1500m				135	3020' (1160')	1600m	
B				180	4110' (2250')	2400m	
C CMV 2400m				205	4110' (2250')	3600m	
D							

PANS OPS 4